

**Mergers**

Vicon ROC RS 380-  
730-1000



# Front and Rear Mounted Mergers



*My way of Farming!*

# KEEP YOUR SYSTEM RUNNING



*My way of Farming!*



Working the land, running my farm and connecting with nature. Farming is my way of living, and despite being rough at times, I never grow weary of everyday tasks of attending to my land and livestock. I keep up with developments by staying loyal to personal philosophies and applying the appropriate strategy.

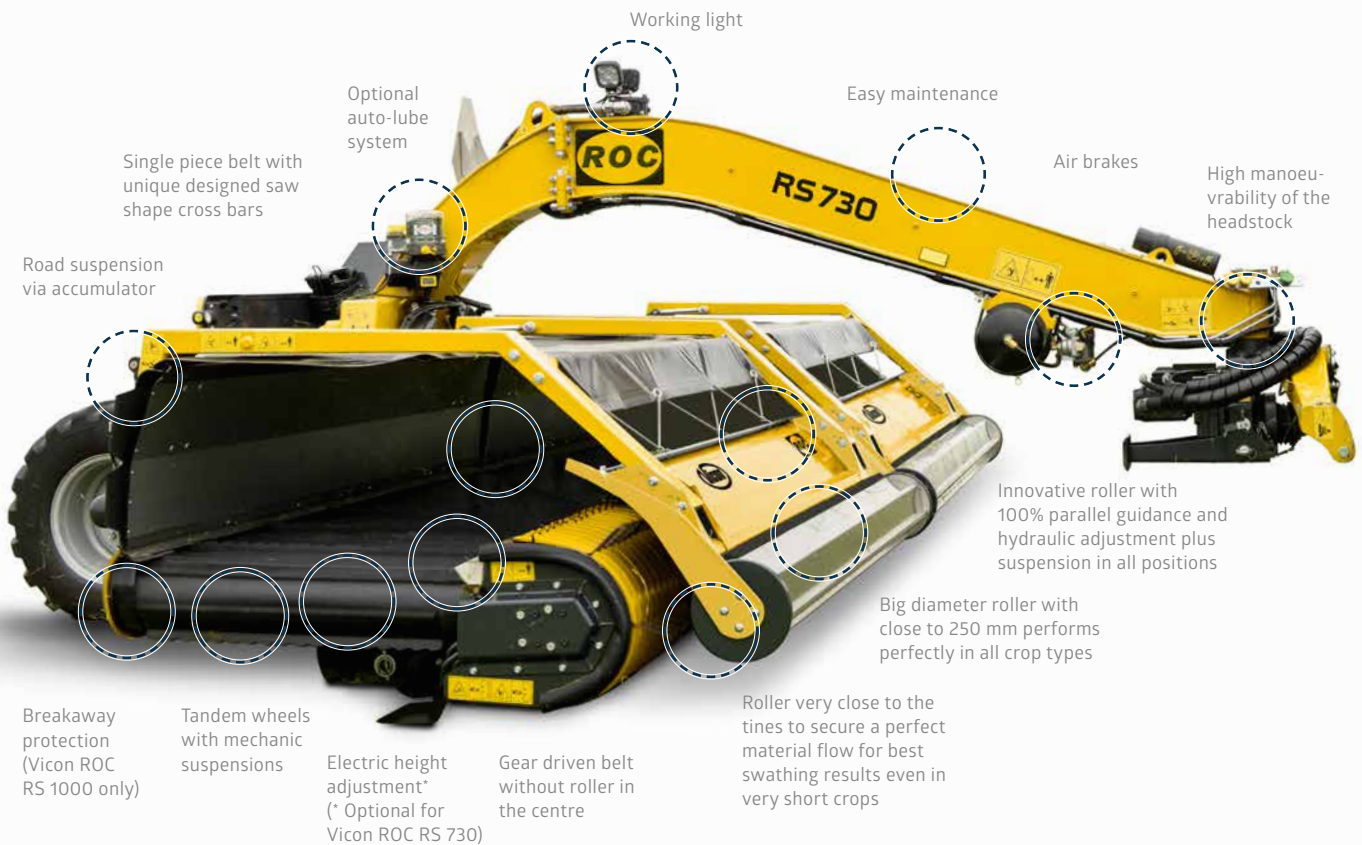
I shape and influence my own future by combining craftsmanship with modern technology, employing the very best machinery. I actively seek new opportunities, by being innovative in my way of working. I work hard to grow a good crop. I am passionate about my livestock, providing my animals with only the best. My farm and its returns, reflects who I am, because my heart and soul is put into the work I do.

Farming is about passion, about growing and developing, my crop, my farm, myself, my way.

# The Vicon ROC RS Series Mergers

## *More than just a Merger*

**Vicon ROC RS Series mergers have an excellent raking system. The RS series is now available for all machines equipped with a 3m pick-up in the Vicon range of mergers. The pick-up system represents the main difference compared to traditional rakes. Lifting the crop instead of pushing it over the ground reduces pollution. Heavy crops can be efficiently raked with higher capacity due to belt transport.**



The roller feature is designed for wet, short crops, making it suitable for all crops and conditions, even in challenging situations.

Thanks to the completely customised pickup unit, the machine is perfectly suited for these conditions.

This units can work in dry crops as well as wet crops. To generate extra clearance while not pressing the sensitive leaves, the suspended roller can be comfortably lifted out of the cabin. In addition to the roller, the standard 6-bar pickup has a higher capacity in tough conditions. The single belt with

an innovative saw design on the cross bars ensures an even crop flow and independence, whether it is a short last cut or dry straw. The Vicon ROC RS series of mergers is designed for maximum flexibility in all crop conditions, offering working widths ranging from 3.8m to 10m.

# Vicon Mergers

## *No compromise by harvesting operations*

*Thanks to their heavy duty design and technical features, Vicon mergers are the best solutions for professionals who don't want to afford compromising their harvesting operations productivity, crop quality and machine durability.*



### **Unique Pick-up construction**

- Solid pick-up system with 6 rows of tines
- Controlled Camtrack system for high capacity, raking accuracy and material transfer onto the belt
- No stones and dirt in the crop reduces product loss to a minimum



### **Unique suspension for short crop roller device**

- Height adjustable from tractor cab
- Hydraulic suspension in each position
- Protection against unintended folding while the roller is lifted



### **Short Crop Specialist**

- Large roller to operate in all crops
- The roller is in all positions hydraulically suspended
- Specially designed belt and pick-up
- If the crops are dry, the roller can be lifted from the cabin to protect the leaves

**“Specially designed belt and pick-up”**



**Unique Belt Drive**

- The belt is rotated by gears on the left and on the right
- No roller can slide or accumulate dirt
- The belt has fibreglass reinforced cross bars with saw blade patterns for high friction transport of heavy and light crops



**Mechanic Suspension system**

- Four large rubber wheels with spring suspension under each pick up secure a perfect contour following
- Additional skids protect the pick up in case of very deep tracks
- The wheels are not destroying the surface and they do not require special attention in stony regions



**Road Suspension for transport axle via nitrogen accumulator**

- Road suspension system on the rear wheels
- Rear axle lifting system with lifting of all frame
- Reduction of peak loads during transport resulting in longer lifetime and increased driving comfort



**Hydropneumatic Suspension System**

- Independent hydropneumatic suspension with up to 3 cylinders on each pick up, working with oil and nitrogen
- Securing perfect floating and ground contour following at the highest driving speed
- Increase the lifetime as shocks are absorbed by the suspension system



**High steering and manoeuvrability**

- The mergers are designed to work also in a small field thanks to the possibility to turn tight in headlands
- Adaptability to work in all condition field like hills
- Possibility to make use out of high manoeuvrability tractors



**Electronic system**

- An intuitive control unit operates all important functions
  - Features\* like the auto stop of the belt when lifting the machine to secure a clean ending of the swath can be activated from the terminal
- \* (except Vicon ROC RS 380)



#### Electric Height Adjustment\*

- All Vicon ROC RS series machines are equipped with an electric height adjustment system
  - With this, the basic setting of the tandem wheels can be done while the machine is in working position
  - The fine tuning of the height is controlled via the underlink position of the tractor
- (\* Optional for Vicon ROC RS 730)



#### Working lights

- The machine is equipped with working lights
- Operation during the night causes no problems
- Extend your working day
- Harvest sensitive crops a bit later: maximum output secured



#### Optional auto lube system

- Reduce the daily maintenance to a minimum
- Ensures that all points are continuously served with grease especially during long working days
- If not ordered, the points difficult to reach are still accumulated with grease banks to simplify the maintenance



#### Easy maintenance, quality and replacement components

- Our mergers are designed and built to be maintenance-friendly
- All components can be easily disassembled
- Wear parts are in small size and replaceable with limited efforts



#### Option Hydraulic swath guard

- Requires one double-acting hydraulic outlet.
- Features overload protection to handle crop overloads.
- Lifting the roller raises the swath board for better crop clearance.
- The swath board can be folded on top of the machine, when it is not used

“**Perfect floating**  
and ground  
contour following”

# VICON ROC RS 1000 SERIES MERRGERS



*My way of Farming!*





**Vicon ROC RS 380**

Front and rear 3 point mounted mergers with 3.8m working width



**Vicon ROC RS 730**

Rear mounted, 2 belt mergers. Variable working width, from 5.95m to 7.3m – in side or centre swath delivery



**Vicon ROC RS 1000**

High capacity rear mounted 3 belt mergers with 10m working width in side delivery





Machine shown with lifted roller.

## Unique pick up *and belt design*

### **Unique Pick up and Belt Design**

The Vicon ROC RS 380 mergers are specifically designed to be mounted close to a tractor. Its lightweight design enables it to work effectively in hilly regions and areas with challenging terrain. The machine can be mounted on the front or rear of the tractor and allows raking without driving on the crop. With a transport width below 3 m and the standard mirrors on the machine make driving on the road more comfortable.

The unique pick up and belt design allow clean picking of the crop and an even crop flow. While primarily used for raking, it can also be used to turn existing swaths.

As the crop is transported on the belt, no roping occurs. So the swath can, if necessary, be picked up and transported several times.

Hydraulic swath guard can be mounted on the right side of the machine.



Working width 3.8m (12'6") and transport width 2.95m (9'8").

### Hydraulic System

Using the hydraulic oil flow of the tractor, the belt can rotate to the left or right without the requirement of an electric control unit. A free line into the tank ensures that only one double acting and one single acting outlet is enough to run the machine. With the standard mechanically suspended tandem wheels, the machine has excellent performance and good ground tracking. The headstock can turn, but is locked automatically as soon the machine is lifted.

The hydraulic suspension ensures sensitive ground tracking, especially in challenging field conditions. The machine's skids provide constant protection for the pickup, ensuring that work can continue uninterrupted.

### Vicon ROC RS 380



*“Excellent performance in challenging environments”*



### Transport lock

When the Vicon ROC RS 380 lifts, the headstock's mechanical system secures the pickup levelness, ensuring safe and stable transportation.



### Hydraulic suspension

Suspension to reduce ground pressure. The kit is integrated in the standard oil flow and requires no additional hydraulics.



## Discover the Talent ***Vicon ROC RS 730***

### **High capacity in all conditions**

Thanks to the high flexibility of this merger it is possible to adapt ideally to all crop conditions. Run the machine as centre swath unit in high volume crops or to turn existing swaths. Bring the machine into side delivery position to rake as much crop together as you like to reduce the cost for your forager. Well formed, not twisted swaths eases picking up any crop with any collecting machine at maximum capacity.

The Vicon ROC RS 730 is a two pickup machine and is equipped with a hydraulic side shift of the pick up units allowing the operator to use the machine for side or centre delivery. Side delivery with the narrowest working width of 7 m, opening out to a maximum of 7.30 meters as centre swath.

Optional hydraulic swath guard can be mounted on the left and right side.



The Vicon ROC RS 730 can be folded into a width of only 2.5 meters for road transport.



Together with the roller, the machine performs well in all crop conditions, whether short or high in sugar content.

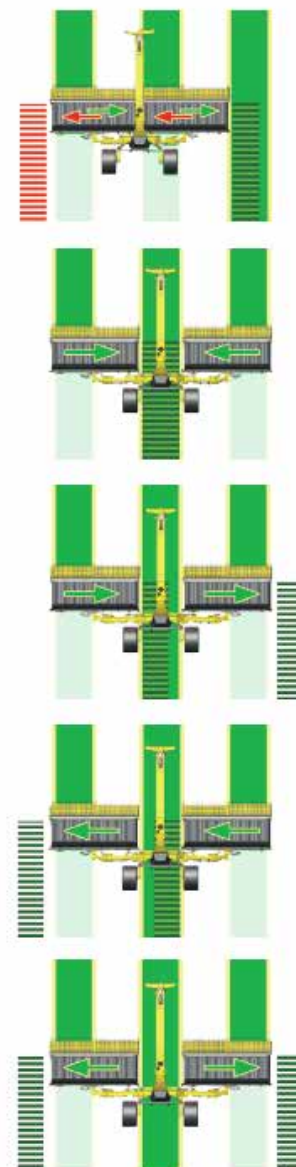
**Advantages:**

- Each pickup has large mechanical suspended tandem wheels.
- Operating with hydraulic suspension for pickup units.
- Hydraulic suspension of transport wheels in transport position.
- The machine offers high versatility due to its ability to create both centre and side swaths.
- Safety in the hydraulic that a centre swath placement is not allowed when the machine is in a side swath position.
- Possibility to load crop on the stopped belt to clean corners.
- Transporting the machine on narrow roads with a width of only 2.5m.

The Vicon ROC RS 730 is standard with mechanical height adjustment and can be optionally equipped with electrical height adjustment. The machine is highly flexible and can prepare swaths according to your preferences. Safety systems are in place to not allow the centre swath function when operating in the side swath position. The exceptional suspension system of the machine allow also high driving speeds in uneven fields.

Thanks to the large oil volume of the machine hydraulic, the Vicon ROC RS 730 can work under all conditions without any cooler that could get blocked by dust.

**Vicon  
ROC RS 730**





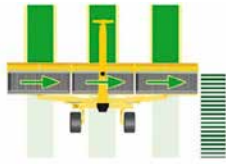
## All good things come in threes! ***Vicon ROC RS 1000***

***The only merger in the market with 3 pickups and 10m working width. Perfect contour following thanks to limited width of the individual pickups. Get the best quality out of your product.***

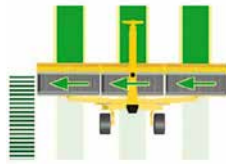
As the other machines, also the Vicon ROC RS 1000 is equipped with large suspended tandem wheels under each pick up unit. The units are hydraulically suspended via the lift arm cylinder and on top the pick up turning point is suspended as well to secure smooth operation and a stabilisation in headland position. Another unique feature is the overload protection of the outer units allowing the pick up to flex back in case of hitting an obstacle with the outer part of the machine. We like to keep you running. So just unfold the machine back into working position and you are back at work.

Being able to switch direction of each of the belts gives all the flexibility to prepare larger or smaller swaths fitting to your following machine. As the other machines this unit is designed to rake all crops. Thanks to the high quality of the Vicon mergers you will enjoy the same performance year after year without limitations.

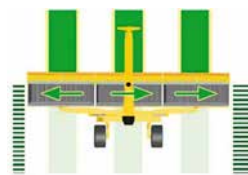
## Vicon ROC RS 1000 • Swath placement



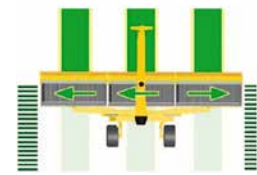
1. All to the right



2. All to the left



3. Two units right one unit left



4. Two units left one unit right

### Advantages:

- The machine has three pick-ups that ensure perfect ground adaptation and clean raking.
- Possibility to work partly or fully folded.
- When folding up, the belt and pick-up will automatically switch off.
- Unique brake back protection of pick-up unit.
- In case of hitting a fence or tree with the machine outside, reduce damages to a minimum.
- During operation, the pickup is suspended by a unique three-cylinder suspension system for each unit, while the pickup is supported in addition by spring-suspended large tandem wheels.
- The oil tank inside the frame ensures reliable operation all day long, without needing a cooling system
- Possibility to load crop on the stopped belt to clean out field corners

“**Working with just one belt down** and with the others in transport”



Working partly or fully folded allows to rake smaller swaths or to just turn an existing swath.



A suspended transport carrier provides an optimal solution for road transportation.



Brake back protection unique on Vicon mergers.

## Original Parts & Service

***We are here so you can focus on your crop***

- 
- 1 Long lasting, high quality spare parts**
  - 2 Over 100 years of parts knowledge**
  - 3 Support from a wide network of dealers**
  - 4 24/7 spare parts service**
  - 5 Highly skilled dealer technicians**





“**MYVICON**  
Connected farming, my way”

**A personalised online platform tailored to your machine needs**

With MYVICON you will benefit from easy access to Vicon's online service tools. Receive first hand access to information on future developments and updates, operator and spare part manuals, FAQs and local VIP offers. All information is gathered in one place.



**REGISTER YOUR PRODUCT NOW:  
MY.VICON.EU**

# Facts

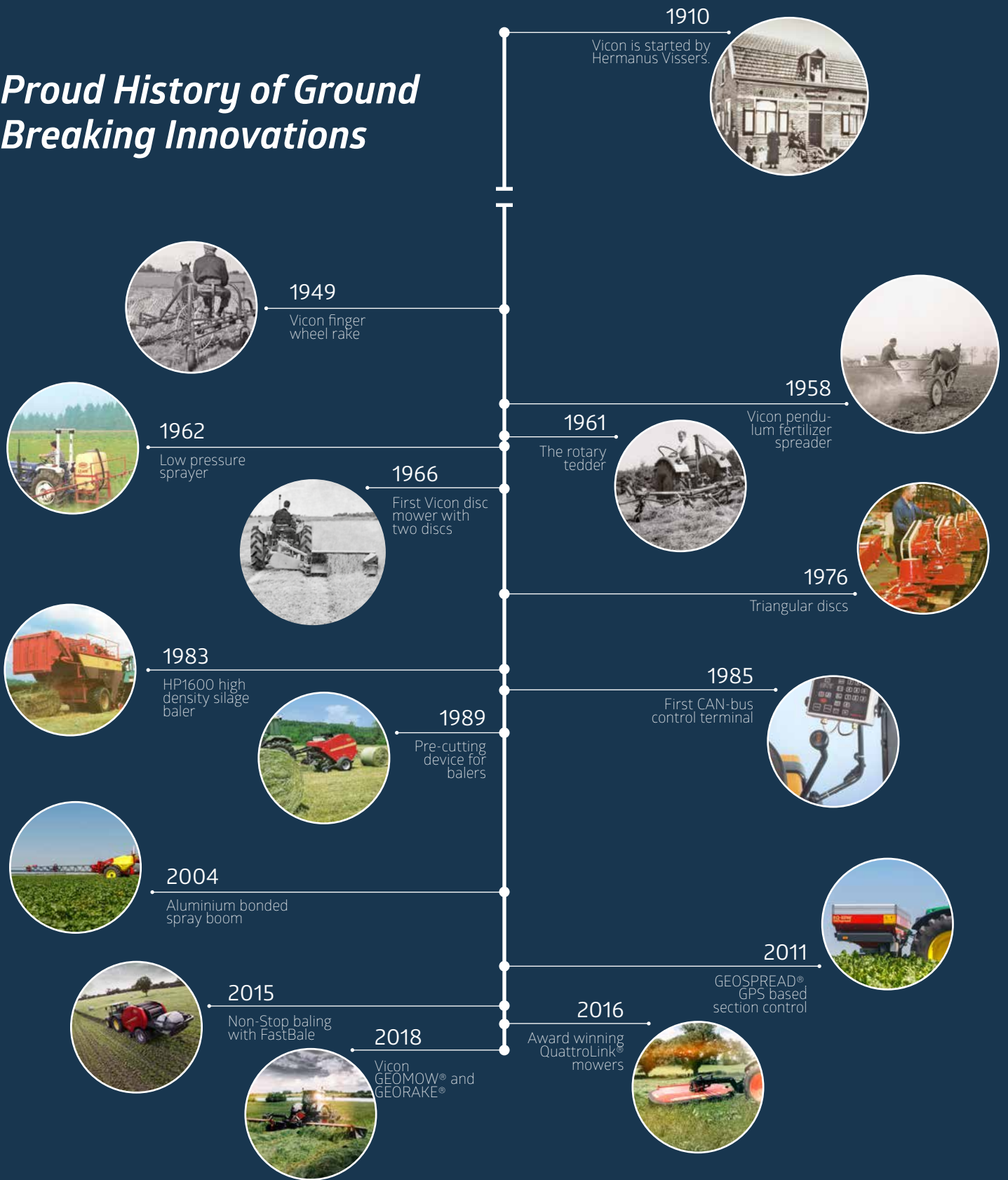
Model	Mergers		
	Vicon ROC RS 380	Vicon ROC RS 730	Vicon ROC RS 1000
<b>Dimensions &amp; Weight</b>			
Working width m (ft)	3.8 (12'6")	7.3 (24')*	10.0 (32'10")*
Pick up width m (ft)	2.95 (9'8")	2.95 (9'8")**	3x2.95 (9'10")***
Swath width m (ft)	-	1.3 (4'3")	1.5 (5')
Road transport width m (ft)	3.0 (9'10")	2.5 (8'2")	3.0 (9'10")
Transport length m (ft)	-	4.65 (15'3")	5.12 (16'10")
Transport height m (ft)	-	3.3 (10'10")	3.5 (11'5")
Weight kg (lb)	980 (2161)	3440 (7584)	5200 (11464)
<b>Attachment to tractor</b>			
Power requirement hp (kw)	60 (45)	70 (52)	90 (67)
12 V electric power supply	●	●	●
Driven by tractor	hydraulic	PTO	PTO
Oil flow required l/min (gpm)	35 (9)	50 (13)	60 (16)
1 single acting outlet with free float pos. lifting and lowering	-	●	●
1 double acting outlet plus one free return line	●	-	-
1 double acting for folding	-	●	-
2 double acting for folding right and left hand side	-	-	●
<b>Wheels</b>			
480/45 R17	-	●	-
500/50 R17	-	-	●
<b>Operation</b>			
6 bar pick-up	●	●	●
Automatic greasing kit	-	0	0
Automatic belt switch off	-	●	●
Hydro-pneumatic suspension system	●	●	●
Swath board, RH mounting	0	0	0
Swath board, LH mounting	-	0	0
● Standard   0 Option   - Not available   * Center swath   ** 2 cam   *** 3 cam			

Information provided in this brochure is made for general information purposes only and for worldwide circulation. Inaccuracies, errors or omissions may occur and the information may thus not constitute basis for any legal claim against Kverneland Group. Availability of models, specifications and optional equipment may differ from country to country. Please consult your local dealer. Kverneland Group reserves the right at any time to make changes to the design or specifications shown or described, to add or remove features, without any notice or obligations. Safety devices may have been removed from the machines for illustration purposes only, in order to better present functions of the machines. To avoid risk of injury, safety devices must never be removed. If removal of safety devices is necessary, e.g. for maintenance purposes, please contact proper assistance or supervision of a technical assistant.

® = trade mark protection in the EU. © Kverneland Group Kerteminde AS



# Proud History of Ground Breaking Innovations



*My way of Farming!*



[www.viccon.eu](http://www.viccon.eu)